

## 10/100M 5-Port Long Transmission PoE Switch (ONV-POE31004PL)

### 10/100M 5-Port Long Transmission Distance PoE Switch

- ◆ Supply power to wireless AP and IP Camera through CAT 5e/6 cable
- ◆ 5 \* 10/100 Mbps auto-sensing RJ45 Ports, 1-4 port support PoE, meeting the standard of IEEE802.3af/at
- ◆ Long Transmission Distance: 250 meters.
- ◆ Support VLAN function
- ◆ Flow Control: Full duplex based on IEEE802.3x, Half duplex based on Back Pressure
- ◆ Support port auto-flip (Auto MDI/ MDIX)
- ◆ Anti-thunder function for Uplink port (port 5), which is reaching level 2
- ◆ Total PoE Power: 65W (Port 1 - 4)
- ◆ Max PoE power for each port: 30W
- ◆ Adopts store-and-forward method
- ◆ All ports support line-speed switching (Frame size at the ranges of 64-1536)
- ◆ No fan design, natural cooling feature.

### Product Description

The ONV-POE31004PL switch provides power and data transmission from a network node through Cat.5e/6 cables. 5 ports could fast connect with 10/100Mbps, 4 ports among them could supply power at the standard of IEEE802.3af/at. With the auto-sensing function, it could supply power to PD device (IEEE802.3af/at standard). What's more, if the PoE device disconnected, it would stop supplying power. The switch features simple and reliable design, automatic identification of PoE supply voltage and power, speed, full duplex and AutoUplink cable type.

This cost-effective switch provides network layout which need to simplify wireless access point (AP) and IP-based surveillance network cameras to install in commercial network and home network. It is the ideal networking solution for work-groups and intelligent community fiber access. These devices away from electrical outlets are very suitable for hanging on the wall or ceiling. PoE eliminates the hassle for these devices, specially the electrical outlets. Connect the AC power connection to make those difficult device more flexible, and the installation cost minimization.

## : Technical Specification

<b>Product Name</b>	10/100M 5-Port Long Transmission Distance PoE Switch
<b>Product Model</b>	ONV-POE31004PL
<b>Connector</b>	4 * 10/100M RJ45 PoE Ports + 1 * 10/100M RJ45 Uplink Port
<b>Transfer Mode</b>	Store-and-forward, Buffer Forwarding Rate: 0.74Mpps
<b>Network Medium</b>	10BASE-T: Cat3,4,5 UTP(≤100 meters); 100BASE-TX: Cat5/5e/6 UTP(≤100 meters);
<b>Transmission Distance</b>	100meters Under Mode 2, the transmission distance could be 250 meters for 10M port.
<b>Performance Specification</b>	Bandwidth: 1.2Gbps (Non-blocking) Network Latency (100 to 100M bps): maximum delay less than 20 microseconds Buffer Memory: 384K MAC Size: 2K MTBF: 100,000 hours
<b>Switch Mode Definition</b>	Mode 1: Disable all function. Mode 2: Enable the long transmission distance at 250 meters for all 10M ports (1-4 port) . Mode 3: Enable VLAN for all 100M ports (1-4 port) .
<b>Network Protocols and Standards</b>	IEEE 802.3i 10BASET IEEE 802.3u 100BASETX IEEE 802.3x Flow Control IEEE 802.3af DTE Power via MDI IEEE 802.3at
<b>LEDs Status</b>	SYS: PWR EACH PORT: Connect, PoE Status
<b>Power</b>	Power Input: DC52V 1.25A Total power: 65W
<b>Dimension/ Weight</b>	118 * 89 * 27mm / 0.24kg
<b>Working Environment</b>	Operating Temperature: -20 ° ~ 55 ° C; Storage Temperature: -40 ° ~ 75 ° C; Humidity: 10% ~ 90%, non-condensing; Storage Humidity: 5% ~ 90%, non-condensing; Working Altitude: 3000 m (10,000 ft); Storage Altitude: 3,000 m (10,000 ft)
<b>Radiation</b>	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B
<b>Safety</b>	CE Mark ,commercial

	CE/LVD EN60950
<b>Warranty</b>	1 year

**: Ordering Information**

**Product Model:** ONV-POE31004PL

**Description:** 5-Port 10/100M Long Transmission Distance PoE Switch. 4 PoE ports, 10/100M. PoE standard IEEE802.3af/at. Total power is 65W. The transmission distance is 250 meters. Support VLAN function.

**: Packing List**

Packing List	10/100M 5-Port Long Transmission Distance PoE Switch (ONV-POE31004PL)
	Power Adapter
	User Guide
	Warranty Card

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